

## ABSTRACT

In order to improve a power supply unit for a commutator of an electric motor, comprising a brush holder support with brushes arranged in it and interacting with the commutator, in such a manner that this can be produced as inexpensively and in as functionally reliable a manner as possible it is suggested that the power supply unit comprise an electronics housing which is formed by the brush holder support and a protective cover connected to it and that the electronics housing seal an electronic circuit module arranged in an interior thereof in a functionally reliable manner in relation to the surroundings.